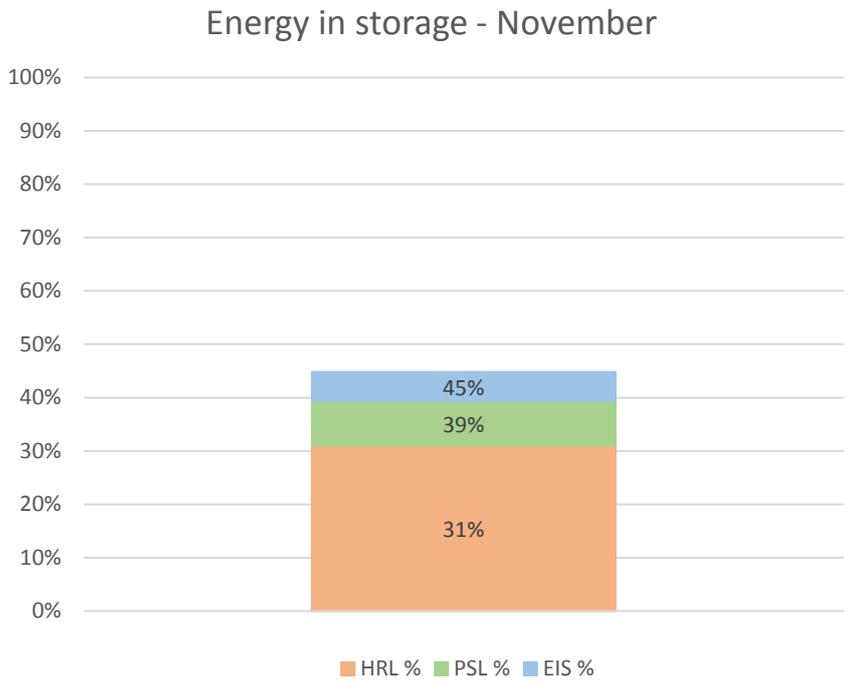


# Tasmanian Energy Security Monthly Dashboard - December 2017

Report addresses energy security status as of November 2017

## Energy in storage - November

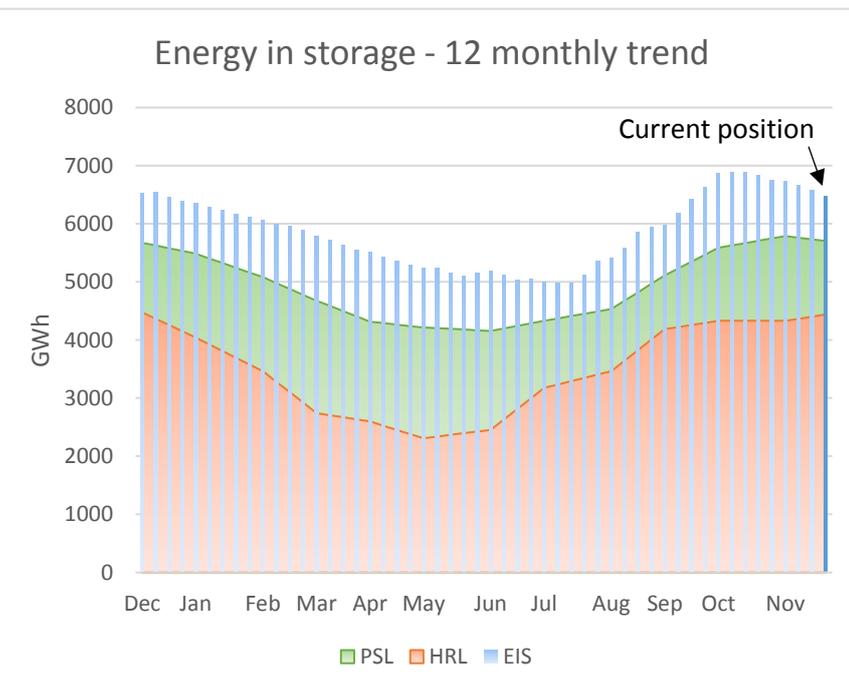


Energy in storage as at end of November: 44.8%, equivalent to 7.2 months average demand<sup>1</sup>

No current energy security concerns

Energy in storage is above Prudent Storage Level

Commercial operation of Hydro Tasmania generation



Legend

HRL = High Reliability Level (reserve energy supply threshold, sufficient to supply Tasmanian demand for six months under extreme operating conditions)

PSL = Prudent Storage Level (additional storage to reduce the likelihood of entering the HRL under normal operating conditions)

EIS = Energy In Storage (relates to the volume of water in Hydro Tasmania's dams)

<sup>1</sup>Average monthly demand is 900 GWh. Demand in summer months is generally below average. Demand in winter months is generally above average.

### Energy security forecast

Based on information provided by Hydro Tasmania, the Monitor and Assessor estimates that it is highly probable Tasmanian Hydro storages will remain above the High Reliability Level during the next three months, assuming average conditions.

Hydro Tasmania reports that storages remain above the High Reliability Level over the next three months in all of its simulated inflow sequences.

### Basslink

Basslink status: Operational

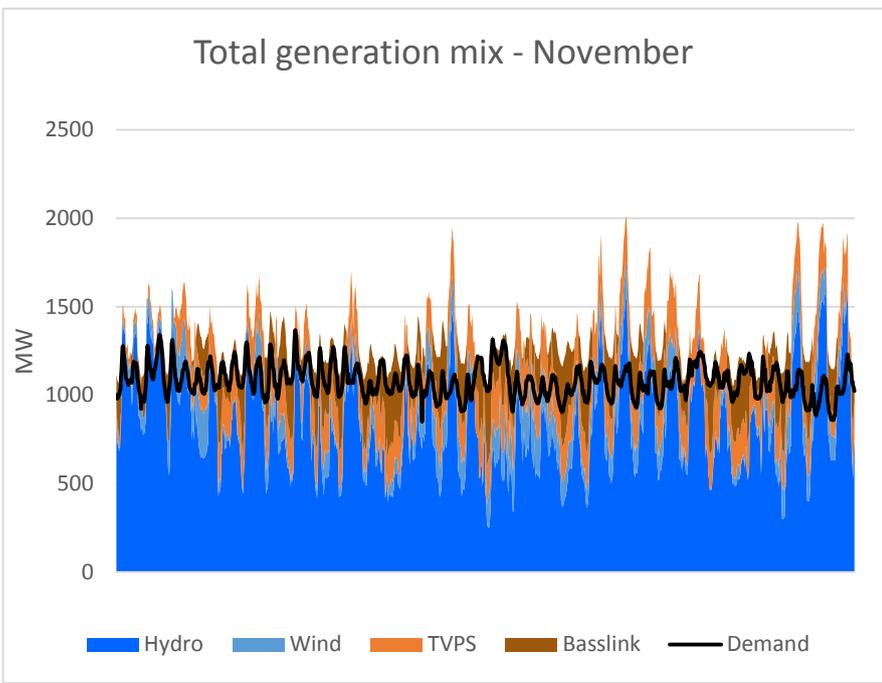
Basslink import during November: 115.1 GWh

### TVPS

TVPS status: Operational

TVPS generation during November: 151.6 GWh

**Monthly generation mix - November**



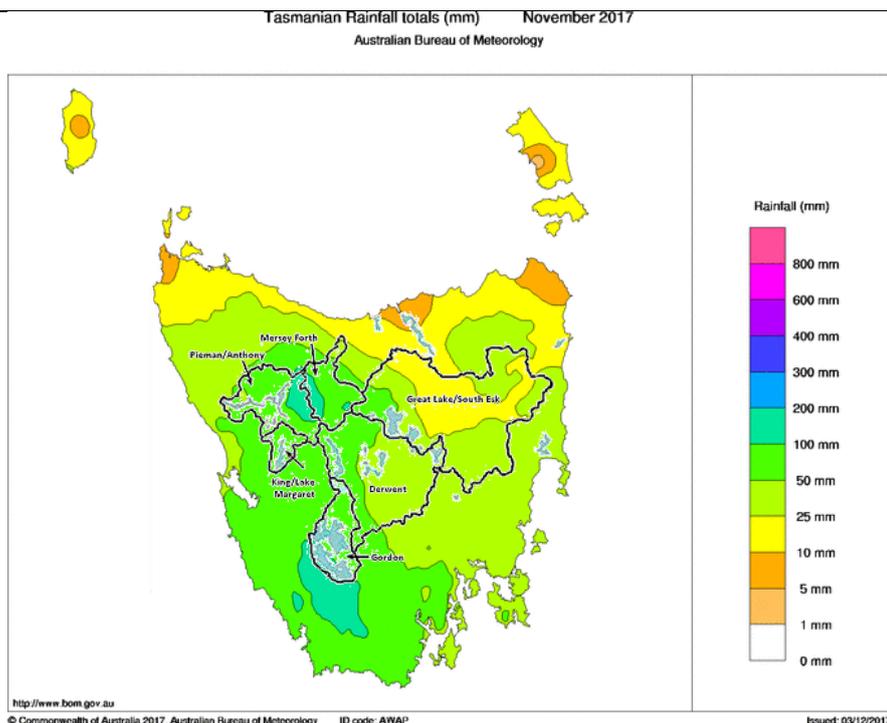
Hydro generation, supplemented by wind, provided the majority of energy required to meet Tasmanian demand during November, though hydro generation reduced from the levels seen during October. Basslink and TVPS provided backup supply as required throughout the month.

Note  
On this chart, any generation above the black line (illustrating Tasmanian demand) denotes energy being exported via Basslink

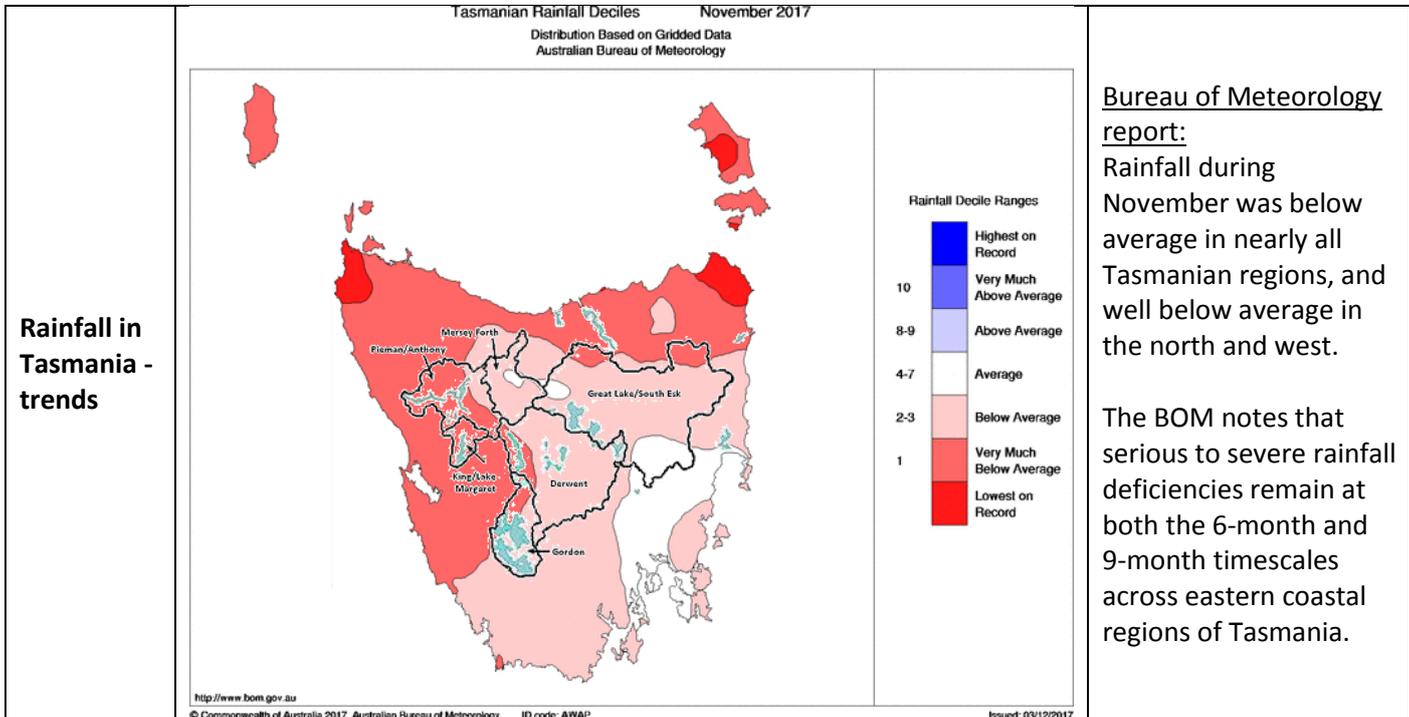
**Key statistics - November**

Energy in storage	6 616.3 GWh
<i>Previous month</i>	6 843.4 GWh
<i>Change</i>	↓ 227.1 GWh
Total inflow to Hydro Tasmania storages	216.0 GWh
Tasmanian demand	903.9 GWh
Hydro generation	599.9 GWh
Wind generation	86.3 GWh
Gas generation	151.6 GWh
Basslink import	115.1 GWh
<i>Basslink export</i>	49.0 GWh
Total energy supply	952.9 GWh

**Rainfall in Tasmania - November**

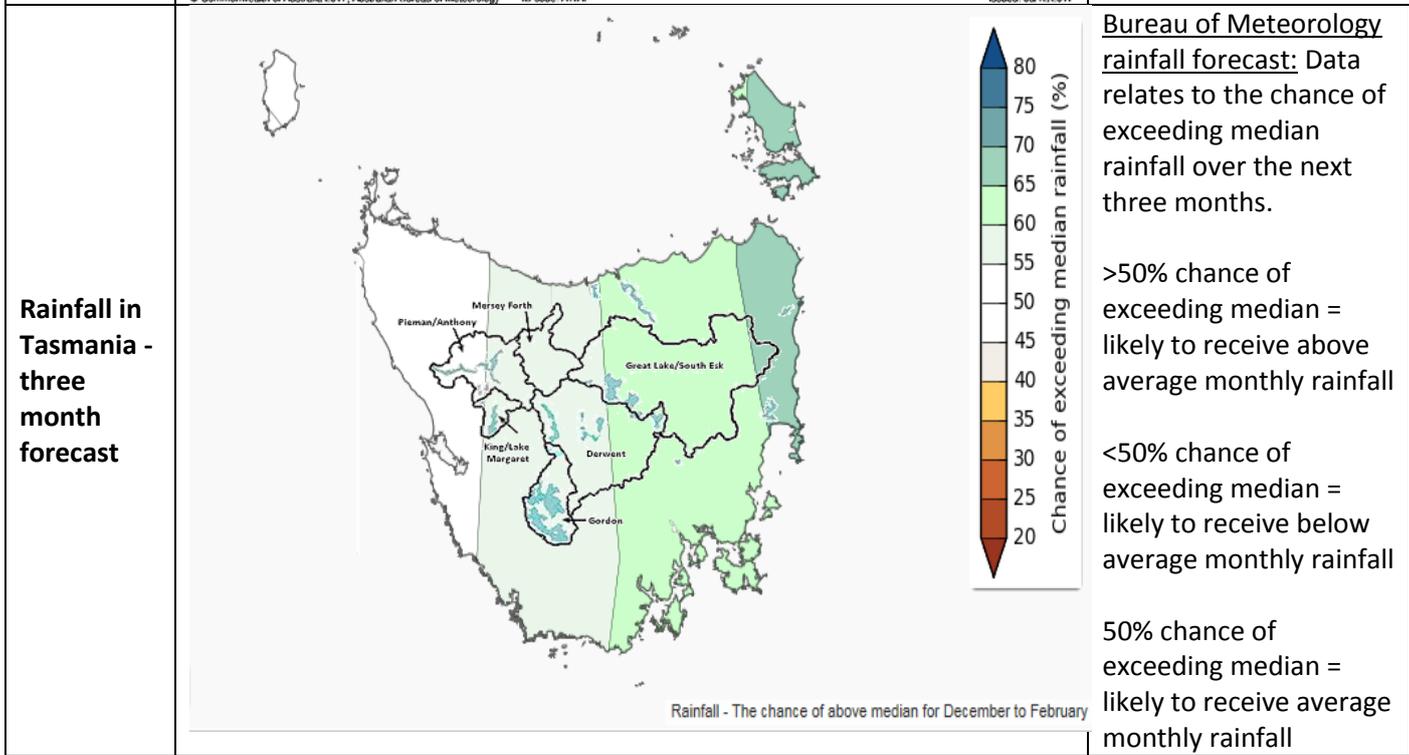


Bureau of Meteorology report:  
The BOM reports that total rainfall for Tasmania during November was 54% below average, making it the sixth driest November on record.



Bureau of Meteorology report:  
Rainfall during November was below average in nearly all Tasmanian regions, and well below average in the north and west.

The BOM notes that serious to severe rainfall deficiencies remain at both the 6-month and 9-month timescales across eastern coastal regions of Tasmania.



This Tasmanian Economic Regulator (TER) publishes these monthly dashboards in its role as Tasmanian Energy Security Monitor and Assessor. The TER welcomes any comments or suggestions as to how it might develop this publication in future to make it more valuable to readers.

Please provide feedback by email to [office@economicregulator.tas.gov.au](mailto:office@economicregulator.tas.gov.au) with the topic line 'Monitor and Assessor Monthly Dashboard'.

*Disclaimer: This report has been prepared in good faith using information sourced from NEM Review™ and the Australian Bureau of Meteorology, with additional data provided by Hydro Tasmania. The Office of the Tasmanian Economic Regulator assumes no liability as to the reliability and accuracy of the information provided.*